

3.4.9 Bibliometrics of the publications during the year based on Scopus/Web of Science-h-Index of the Institution

Total Citations Scopus	747
Total Citations Web of Science	745
h-Index Scopus	32
h-Index Web of Science	32

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal	Number of citations in the Scopus	Number of citations in Web of Science
Chemical Sciences								
Bioactivity of microwave and conventionally synthesized 70Sr-HA.xZn (30-x)Si composites.	Ravinder Kumar Chadha, kanchan L.Singh, Chetan Sharma, Anirudh P.Singh, Vandana Naithani	Chemical Sciences	Material Chemistry and Physics	2021	0254-0584.	https://mjl.clarivate.com/search-results?issn=0254-0584&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	0	0
Solvent free Mechanochemical synthesis of bisthioglycolic acid derivatives: An efficient and versatile strategy for carbon-	Rayees Ahmad Naikoo, Parvesh Singh, Rupesh Kumar, Gaurav Bhargava	Chemical Sciences	Journal of Sulfur Chemistry	2021	1741-5993 (Print); 1741-6000 (Online)	https://mjl.clarivate.com/search-results?issn=1741-5993&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	2	2
Recent Developments in the Synthesis of Bicyclic Condensed Pyrimidinones	Rayees Naikoo, Rupesh Kumar, Vipan Kumar, Gaurav Bhargava	Chemical Sciences	Current Organic Chemistry	2022	1875-5348	https://mjl.clarivate.com/search-results?issn=1385-2728&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	0	0
Eosin Y Photocatalyzed Access to Biginelli Reaction Using Primary Alcohols via Domino Multicomponent Cascade: An	Gobind Kumar, Yogesh Kumar, Gaurav Bhargava, Rupesh Kumar	Chemical Sciences	Journal of Chemical Sciences	2022	0973-7103	https://mjl.clarivate.com/search-results?issn=0974-3626&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	5	5
Facially Selective Oxo-Diels-Alder Cycloadditions of α -dienyl- β -lactam: An entry to pyrano-tethered β -lactams bifunctional hybrids	Maninderjeet K. Mann, Rupesh Kumar, Gaurav Bhargava	Chemical Sciences	Orient. J. Chem.	2022	0970 - 020X	https://mjl.clarivate.com/search-results?issn=0970-020X&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	0	0
Fluorescent molecular probe-based activity and inhibition monitoring of histone deacetylases	Roopa, Bhanu Priya, Vandana Bhalla, Manoj Kumar and Naresh Kumar	Chemical Sciences	Chemical Communications	2021	1359-7345	https://mjl.clarivate.com/search-results?issn=1359-7345&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	2	2
Physical Sciences								
Study of kinematic viscosity and density of biodiesels exposed to radiations	Amit Sarin, Neerja Sharma, Kusum Devgan and Meetu Singh	Department of Physical Sciences	Materials Today Proceedings	2021	2214-7853	https://www.scopus.com/sourceid/21100370037	8	5
Investigation of the shelf life of the optimized Neem biodiesel and its execution and excretion characteristics on automotive diesel engine	Mayank Chhabra, Balraj Singh Saini, Gaurav Dwivedi, Arun Kumar Behura, Anuj Kumar, Siddharth Jain, Amit Sarin and Puneet Verma	Department of Physical Sciences	Energy Sources, Part A: Recovery, Utilization, and Environmental Effects	2021	1556-7036	https://mjl.clarivate.com/search-results?issn=1556-7036&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	5	3
Measurement of fission excitation function for ^{19}F , ^{194}Pt , ^{196}Pt reactions	Varinderjit Singh, Bivash R. Behera, Maninder Kaur, Akhil Jhingan, Rupinder Kaur, Pullanhiotan Sugathan, Davinder Siwal, Savi Goyal, K. P. Singh, and Santanu Pal	Department of Physical Sciences	Journal of Physics G: Nuclear and Particle Physics	2021	0954-3899	https://mjl.clarivate.com/search-results?issn=0954-3899&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	5	6

Effect of increasing neutron-excess on the fusion cross-section in $^{12-13}\text{C} + ^{12}\text{C}$ at above barrier energies	R. T. deSouza, Varinderjit Singh, S. Hudan, Z. Lin and C. J. Horowitz	Department of Physical Sciences	Physics Letter B	2021	0217-9849 / 1793-6640	https://mjl.clarivate.com/search-results?issn=0217-9849&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	8	8
Assessing the impact of valence sd neutrons and protons on fusion	Varinderjit Singh, J. Vadas, T.K. Steinbach, B.B. Wiggins, S. Hudan, and R.T. deSouza	Department of Physical Sciences	Phys. Rev. C 103, 064606	2021	0556-2813 / 1089-490X	https://mjl.clarivate.com/search-results?issn=0556-2813&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	3	2
MuSIC@Indiana: An effective tool for accurate measurement of fusion with low-intensity radioactive beams	J.E. Johnstone, Rohit Kumar, S. Hudan, Varinderjit Singh, R.T. deSouza, J. Allen, D.W. Bardayan, D. Blankstein, C. Boomershine, S. Carmichael, A. Clark, S. Coil, S.L. Henderson, P.D.O' Malley	Department of Physical Sciences	Nucl. Instrum. Methods A 1014, 165697	2021	0168-9002 / 1872-9576	https://mjl.clarivate.com/search-results?issn=0168-9002&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	4	0
Mathematical Sciences								
Efficient adaptive step-size formulation of an optimized two-step hybrid block method for directly solving general second-order initial-value problems	Rajat Singla, Gurjinder Singh, V. Kanwar, Higinio Ramos	Mathematical Sciences	Computational and Applied Mathematics	2021	1807-0302	https://mjl.clarivate.com/search-results?issn=2238-3603&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	4	4
A High-Order Efficient Optimised Global Hybrid Method for Singular Two-Point Boundary Value Problems	Higinio Ramos, Gurjinder Singh	Mathematical Sciences	East Asian Journal on Applied Mathematics	2021	2079-7370	https://mjl.clarivate.com/search-results?issn=2079-7362&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	5	5
Explicit Solutions of the Singular Yang–Baxter-like Matrix Equation and Their Numerical Computation	Ashim Singla, Joao R. Cardoso, Gurjinder Singh	Mathematical Sciences	Mediterranean Journal of Mathematics	2022	1660-5454	https://mjl.clarivate.com/search-results?issn=1660-5446&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	3	3
Solving second order two-point boundary value problems accurately by a third derivative hybrid block integrator	Higinio Ramos, Gurjinder Singh	Mathematical Sciences	Applied Mathematics and Computation	2022	0096-3003	https://mjl.clarivate.com/search-results?issn=0096-3003&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	4	4
The Effect of Composite Material on Rayleigh Wave at Free Surface of Composite Matrix Saturated by Fluids	Ashish Arora, Neeru Bala	Mathematical Sciences	Mathematical Modelling of Natural Phenomena	2022	0973-5348	https://mjl.clarivate.com/search-results?issn=0973-5348&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	1	1
Civil Engineering								
An investigation on the effect of lime addition on UCS of Indian black cotton soil	Karanbir Singh Randhawa , Rajiv Chauhan , Raman Kumar	Civil Engineering	Material Today Proceedings	2021	2214-7853	Scopus preview - Scopus - Materials Today: Proceedings	12	0
Computer Science & Engineering								
A Survey on Malware Classification Using Machine Learning and Deep Learning	Manish Goyal and Raman Kumar	CSE	International Journal of Computer Networks and Applications, (IJCNA)	2021-2022	2395-0455	https://www.scopus.com/sourceid/21100992514	3	0

DSIT: A DYNAMIC LIGHTWEIGHT CRYPTOGRAPHY ALGORITHM FOR SECURING IMAGE IN IOT COMMUNICATION	Navdeep Lata and Raman Kumar	CSE	International Journal of Image and Graphic	2021-2022	1793-6756	https://www.scopus.com/sourceid/21100869464	2	0
NMTBR: Normalized Multilevel Trust Based Routing for Security Against Packet Drop Attacks in MANETs	Nitin Khanna, Sandeep Singh, Anshu Bhasin and Kamal Malik	CSE	Ad Hoc & Sensor Wireless Networks	2021-2022	1552-0633	https://mjl.clarivate.com/search-results?issn=1551-9899&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	0	1
Integration of Multi-Class Service Paradigm With Generic Trust Mechanism for Innovation, Customization and Adaptability in MANETs, , vol 12, 3, Aug 2022 pp 1-15	Sandeep Singh, Anshu Bhasin, Nitin Khanna	CSE	International Journal of Information Retrieval Research (IJIRR). IGI GLOBAL	2021-2022	2155-6377	https://mjl.clarivate.com/search-results?issn=2155-6377&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	0	0
A Multi-Level Enhanced Color Image Compression Algorithm using SVD & DCT	Garima Garg and Raman Kumar	CSE	International Journal on Recent and Innovation Trends in Computing and Communication	2022-2023	2321-8169	https://www.scopus.com/sourceid/21101089961	4	0
Detection of Behavioral Patterns Employing a Hybrid Approach of Computational Techniques	Rohit Raja, Chetan Swarup, Abhishek Kumar, Kamred Udham Singh, Teekam Singh, Dinesh Gupta, Neeraj	CSE	Computers, Materials & Continua	2022-2023	1546-2218	https://mjl.clarivate.com/search-results?issn=1546-2218&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	0	0
Mechanical Engineering								
Torsion strength of TIG welded similar and dissimilar metal joints of ASME SA213 Gr.T11 and BS3059:1987 PT1 ERW320	Sewa Singh, Vikas Chawla, Gurbhinder Singh Brar	Mechanical Engineering	Sadhana	2021	0302-9743	https://www.scopus.com/sourceid/23531	0	0
Microstructure and characterization of LVOF sprayed aluminium oxide-13% titanium dioxide and aluminium oxide-40% titanium dioxide coatings on ASTM 316 boiler steel	Shehbaaz Singh Brar, Gurbhinder Singh Brar, Vikas Chawla	Mechanical Engineering	Materials Today: Proceedings	2021	2214-7853	https://www.scopus.com/sourceid/21100370037	0	0
Characterization of D-gun sprayed Al ₂ O ₃ -13%TiO ₂ and Al ₂ O ₃ -40%TiO ₂ coatings on ASTM 316 boiler steel and their microstructure	Shehbaaz Singh Brar, Gurbhinder Singh Brar, Vikas Chawla	Mechanical Engineering	Materials Today: Proceedings	2021	2214-7853	https://www.scopus.com/sourceid/21100370037	1	1
Analysis of plasma gun sprayed coatings on SS-304 steel to evaluate cyclic oxidation and hot corrosion	Satjot Singh Dhillon, Vikas Chawla, Gurbhinder Singh	Mechanical Engineering	Materials Today: Proceedings	2021	2214-7853	https://www.scopus.com/sourceid/21100370037	1	1
Analysis of solid particle erosion in plasma sprayed alumina based coatings on SAE-347H steel	Satjot Singh Dhillon, Vikas Chawla, Gurbhinder Singh	Mechanical Engineering	Materials Today: Proceedings	2021	2214-7853	https://www.scopus.com/sourceid/21100370037	2	2
Hot corrosion behavior of HVOF-sprayed carbide based composite coatings for boiler steel in Na ₂ SO ₄ -60 % V ₂ O ₅ environment at 900 °C under cyclic conditions	Gurmail Singh, Niraj Bala, Vikas Chawla, Yogesh Kumar Singla	Mechanical Engineering	Corrosion Science	2021	0010-938X	https://www.scopus.com/sourceid/29476	12	12

Wear studies on plasma-sprayed pure and reinforced hydroxyapatite coatings	Vikas Rattan, T S Sidhu, Manoj Mittal	Mechanical Engineering	Materials today: proceedings	2021	2214-7853	https://www.scopus.com/sourceid/21100370037	3	3
Electrochemical corrosion and erosive wear behaviour of microwave processed WC-10Co4Cr clad on SS-316	Paramjit Singh, Deepak Kumar Goyal, Amit Bansal	Mechanical Engineering	Materials Today: Proceedings	2021	2214-7853	https://www.scopus.com/sourceid/21100370037	4	4
Investigations on the effect of electrical discharge machining process parameters on the machining behavior of aluminium matrix composites	Dar, Sajad Ahmad, Jatinder Kumar, Shubham Sharma, Gursharan Singh, Jujhar Singh, Vivek Aggarwal, Jasgurpreet Chohan et al.	Mechanical Engineering	Materials Today: Proceedings	2021	2214-7853	https://www.scopus.com/sourceid/21100370037	16	12
Analysis and optimization of nozzle distance during turning of EN-31 steel using minimum quantity lubrication	Kumar, Ajay, Gurpreet Singh, and Vivek Aggarwal	Mechanical Engineering	Materials Today: Proceedings	2021	2214-7853	https://www.scopus.com/sourceid/21100370037	6	5
Experimental investigations and optimization of machining performance during turning of EN-31 steel using TOPSIS approach	Singh, Gurpreet, Ajay Kumar, Vivek Aggarwal, and Sehijpal Singh	Mechanical Engineering	Materials Today: Proceedings	2021	2214-7853	https://www.scopus.com/sourceid/21100370037	7	5
Experimental investigations into machining performance of Hastelloy C-276 in different cooling environments	Singh, Gurpreet, Vivek Aggarwal, and Sehijpal Singh	Mechanical Engineering	Materials and Manufacturing Processes	2021	1532-2475	https://www.scopus.com/sourceid/21054	22	19
Comparative Study of High-Temperature Oxidation Behavior of Bare and Plasma Sprayed Al ₂ O ₃ -40% TiO ₂ Coated T-91, A-1 Boiler Steel and Superfer800H Superalloy in Air	Ansari, Mohd Shadab, Vikas Chawla, Amit Bansal, and Vivek Aggarwal	Mechanical Engineering	Journal of Materials Engineering and Performance	2021	1059-9495	https://www.scopus.com/sourceid/21160	2	2
Ecological aspects of cutting fluids applications in small scale industries of Northern India region	Gurpreet Singh, Sehijpal Singh, Vivek Aggarwal, Jujhar Singh, Neelkanth Grover, Amoljit Singh Gill	Mechanical Engineering	Materials Today: Proceedings	2021	2214-7853	https://www.scopus.com/sourceid/21100370037	5	3
Recent Trends and Developments in Conducting Polymer Nanocomposites for Multifunctional Applications	Shubham Sharma, P. Sudhakara, Abdoulhdi A. Borhana Omran, Jujhar Singh and R. A. Ilyas	Mechanical Engineering	Polymers	2021	2073-4360	https://mjl.clarivate.com/search-results?issn=2073-4360&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	100	92
Optimisation of engine operating variables on performance and emission characteristics of biogas fuelled CI engine by the design of experiments: Taguchi approach	Sunil Kumar Mahla, Tarun Goyal, Deepam Goyal, Himanshu Sharma, Amit Dhir, Geetesh Goga	Mechanical Engineering	Environmental Progress & Sustainable Energy	2021	1944-7450	https://www.scopus.com/sourceid/17700156701	11	10
COVID-19 pandemic: A seismically disruptive environmental event	R.K. Dang, D.Goyal, T.Goyal, N.Mago	Mechanical Engineering	ECS Transactions	2022	1938-6737	https://www.scopus.com/sourceid/3400148107	0	0
Mechanical, morphological, and fracture deformation behavior of MWCNTs-reinforced (Al-Cu-Mg-T351) alloy cast nanocomposites fabricated by optimized mechanical milling and powder metallurgy techniques	Shubham Sharma, Vikas Patyal, P. Sudhakara, Jujhar Singh, Michal Petru, and R. A. Ilyas	Mechanical Engineering	Nanotechnology Reviews	2022	2191-9097	https://www.scopus.com/sourceid/21100372101	30	28

Hand and abrasive flow polished tungsten carbide die: optimization of surface roughness, polishing time and comparative analysis in wire drawing	Kumar, Raman, Sehijpal Singh, Vivek Aggarwal, Sunpreet Singh, Danil Yurievich Pimenov, Khaled Giasin, and Krzysztof Nadolny	Mechanical Engineering	Materials	2022	1996-1944	https://mjl.clarivate.com/search-results?issn=1996-1944&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	13	13
Multiobjective Optimization of EDM Parameters for Rice Husk Ash/Cu/Mg-Reinforced Hybrid Al-0.7Fe-0.6Si-0.375Cr-0.25Zn Metal Matrix Nanocomposites for Engineering Applications: Fabrication and Morphological Analysis	Muni, Ram Narayan, Jujhar Singh, Vineet Kumar, Shubham Sharma, P. Sudhakara, Vivek Aggarwal, and S. Rajkumar	Mechanical Engineering	Journal of Nanomaterials	2022	1687-4129	https://www.scopus.com/sourceid/4000151616	11	10
Investigation of geo-mining green roof seismic energy balancing with resin bolting by Universal Drilling Machine: a novel energy-absorbing-based support system	Siddiqui, Mohd Ahtesham Hussain, Shahzad Akhtar, Somnath Chattopadhyaya, Shubham Sharma, Mamdouh El Haj Assad, Jujhar Singh, Vivek Aggarwal, Shashi Prakash Dwivedi, and Ambuj Saxena	Mechanical Engineering	Arabian Journal of Geosciences	2022	1866-7511	https://www.scopus.com/sourceid/17400154823	2	2
Cavitation erosion behavior of high velocity oxy fuel (HVOF) sprayed (VC + CuNi-Cr) based novel coatings on SS316 steel	Vikrant Singh, Indraj Singh, Anuj Bansal, Ankita Omer, Anil Kumar Singla, Rampal, Deepak Kumar Goyal	Mechanical Engineering	Surface & Coatings Technology, Elsevier	2022	0257-8972	https://www.scopus.com/sourceid/24537	24	22
Influence of laser cladding parameters on slurry erosion performance of NiCrSiBC + 50WC claddings	Sarpreet Singh, Deepak Kumar Goyal, Parlad Kumar, Anuj Bansal	Mechanical Engineering	International Journal of Refractory Metals & Hard Materials, Elsevier	2022	0263-4368	https://www.scopus.com/sourceid/12219	23	21
CFD and experimental study of slurry erosion wear in Hydro-machinery	Mithlesh Sharma, Deepak Kumar Goyal, Gagandeep Kaushal, Neel Kanth Grover, Anuj Bansal, Khushdeep Goyal	Mechanical Engineering	Materials Today: Proceedings	2022	2214-7853	https://www.scopus.com/sourceid/21100370037	2	2
Effect of filler material on the microwave joining of SS-430 steel	D. S. Sahota, Amit Bansal & Vinod Kumar	Mechanical Engineering	Materials and Manufacturing Processes	2022	1042-6914	https://www.scopus.com/sourceid/21054	3	3
Effect of post-heat treatment on the microstructural, mechanical, and bioactivity behavior of the microwave-assisted alumina-reinforced hydroxyapatite cladding	Pradeep Singh, Hitesh Vasudev, Amit Bansal	Mechanical Engineering	Journal of Process Mechanical Engineering	2022	20413009	https://www.scopus.com/sourceid/20408	19	19
Hydroxyapatite reinforced surface modification of SS-316L by microwave processing	Parmjit Singh, Amit Bansal, Vinod Kumar Verma,	Mechanical Engineering	Surfaces and Interfaces	2022	2468-0230	https://www.scopus.com/sourceid/21100788797	6	6
First and second order analysis of functionally graded composite material	Sharma, Rajesh, Vijay Kumar Jadon, Balkar Singh, Rajneesh Kumar, and Sanjeev Kumar	Mechanical Engineering	Materials Today: Proceedings	2022	2214-7853	https://www.scopus.com/sourceid/21100370037	1	1

Experimental Investigation and Performance Optimization during Machining of Hastelloy C-276 Using Green Lubricants	Singh, Gurpreet, Vivek Aggarwal, Sehijpal Singh, Balkar Singh, Shubham Sharma, Jujhar Singh, Changhe Li, R. A. Ilyas, and Abdullah Mohamed	Mechanical Engineering	Materials	2022	1996-1944	https://mjl.clarivate.com/search-results?issn=1996-1944&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	12	12
Effect of post coating processing on the morphological and mechanical properties of plasma Spray-reinforced hydroxyapatite coating	Gursharan Singh, Manoj Mittal, Jujhar Singh et.al.	Mechanical Engineering	Materials Today: proceedings	2022	2214-7853	https://www.scopus.com/sourceid/21100370037	4	3
Impact of post-heat-treatment on the surface-roughness, residual stresses, and micromorphology characteristics of plasma-sprayed pure hydroxyapatite and 7%-Aloxitereinforced hydroxyapatite coatings deposited on titanium alloy-based biomedical implants	Gursharan Singh, Shubham Sharma, Manoj Mittal, Gurminder Singh, Jujhar Singh, Li Changhe, Aqib Mashood Khan, Shashi Prakash Dwivedi, Ray Tahir Mushtaq, Sunpreet Singh	Mechanical Engineering	Journal of Materials research and Technology	2022	2238-7854	https://www.scopus.com/sourceid/21100383742	17	15
Study on the morphological and mechanical properties of TaC reinforced plasma spray coating deposited on titanium alloy	Gursharan Singh, Manoj Mittal, Jujhar Singh, Shubham Sharma, Amoljit Singh Gill, Jasgurpreet Singh Chohan, Raman Kumar, Abhishek Joshi	Mechanical Engineering	Materials Today: proceedings	2022	2214-7853	https://www.scopus.com/sourceid/21100370037	4	3
Microwave processing and characterization of alumina reinforced HA cladding for biomedical applications	Arun Sharma, Avtar Singh, Vikas Chawla, J.S. Grewal, Amit Bansal	Mechanical Engineering	Materials Today: proceedings	2022	2214-7853	https://www.scopus.com/sourceid/21100370037	2	2
Electrical Engineering								
Improved dynamic performance of permanent magnet synchronous generator-based grid connected wind energy system	Preeti Rani, Ved Parkash Arora & Naveen Kumar Sharma	Department of Electrical Engineering , IKGPTU	Energy Sources, Part A: Recovery, Utilization, and Environmental Effects	2021	1556-7036	Scopus preview - Scopus - Energy Sources, Part A: Recovery, Utilization and Environmental Effects	1	1
Modeling and sensitivity analysis of grid-connected hybrid green microgrid system,	Sumit Sharma, Yog Raj Sood, Naveen Kumar Sharma, Mohit Bajaj, Hossam M. Zawbaa, Rania A. Turkey, Salah Kamel	Department of Electrical Engineering , IKGPTU	Ain Shams Engineering Journal	2022	2090-4479	Scopus preview - Scopus - Ain Shams Engineering Journal	10	7
A Topological Advancement Review of Magnetically Coupled Impedance Source Network Configurations	Arvind Yadav, Subhash Chandra, Mohit Bajaj, Naveen Kumar Sharma, Emad M. Ahmed, and Salah Kamel	Department of Electrical Engineering , IKGPTU	Sustainability	2022	2071-1050	Scopus preview - Scopus - Sustainability	4	2
Hybrid Local-Global Optimum Search	Simarpreet Kaur, Mohit Srivastava, Naveen Kumar Sharma, Kamaljit Singh Bhatia, Frie Ayalew Yimam, Harsimrat Kaur, Mohit Bajaj	Department of Electrical Engineering , IKGPTU	IEEE Access	2021	2169-3536	Scopus preview - Scopus - IEEE Access	2	2

Economic evaluation of a Hybrid Renewable Energy system (HRES) using Hybrid Optimization Model for Electric Renewable (HOMER) software-A case study of rural India	Kamal Kant Sharma, Akhil Gupta, Raman Kumar, JS Chohan, Shubham Sharma, J Singh, N Khalilpoor, A Issakhov, Somnath Chattopadhyaya, and SP Dwivedi	Department of Electrical Engineering , IKGPTU	International Journal of Low-Carbon Technologies	2021	1748-1325	Scopus preview - Scopus - International Journal of Low-Carbon Technologies	15	2
Power quality evaluation of photovoltaic grid interfaced cascaded H-bridge nine-level multilevel inverter systems using D-STATCOM and UPQC	Akhil Gupta	Department of Electrical Engineering , IKGPTU	Energy	2021	0360-5442	Scopus preview - Scopus - Energy	22	1
Power quality and transient analysis for a utility-tied interfaced distributed hybrid wind-hydro controls renewable energy generation system using generic and multiband power system stabilizers	Kamal Kant Sharma, Akhil Gupta, Gagandeep Kaur, Raman Kumar, Jaspurpreet Singh Chohan, Shubham Sharma, Jujhar Singh, Nima Khalilpoor, and Alibek Issakhov	Department of Electrical Engineering , IKGPTU	Energy Reports	2021	2352-4847	Scopus preview - Scopus - Energy Reports	11	3
Management of Cattle Dung and Novel Bioelectricity Generation Using Microbial Fuel Cells: An Ingenious Experimental Approach	Gagandeep Kaur, Yadwinder Singh Brar, Jaspreet Kaur, Akhil Gupta, Kamal Kant Sharma, Jaspurpreet Singh Chohan, Raman Kumar, Shubham Sharma, Somnath Chattopadhyaya, Shashi, Prakash Dwivedi, Alibek Issakhov, and Nima Khalilpoor	Department of Electrical Engineering , IKGPTU	International Journal of Chemical Engineering	2021	1687-8078	Scopus preview - Scopus - International Journal of Chemical Engineering	3	2
Coupled field magnetostatic analysis for free buckling in double layer helical winding of a distribution transformer	V Rehalia, Deepika Bhalla, and G. Walia	Department of Electrical Engineering , IKGPTU	International Journal of Performability Engineering	2022	0973-1318	Scopus preview - Scopus - International Journal of Performability Engineering	1	4
Improvements in deviation settlement mechanism of Indian electricity grid system through demand response management	B Koul, K Singh and Yadwinder Singh Brar	Department of Electrical Engineering , IKGPTU	International journal of Emerging electric power systems	2022	1553-779X	Scopus preview - Scopus - International Journal of Emerging Electric Power Systems	2	4
Robust and comfortable day-ahead demand side management of residential, industrial and commercial consumers for demand normalization	B Koul, K Singh and Yadwinder Singh Brar	Department of Electrical Engineering , IKGPTU	Electric power components and systems	2022	1532-5016	Scopus preview - Scopus - Electric Power Components and Systems	1	3
Real-time multi-objective solar-thermal power dispatch using different photovoltaic materials	S. Kaur, Yadwinder Singh Brar, and JS Dhillon	Department of Electrical Engineering , IKGPTU	Renewable energy focus	2022	1755-0084	Scopus preview - Scopus - Renewable Energy Focus	1	2
Multi-objective real-time integrated solar-wind-thermal power dispatch by using meta-heuristic technique	S. Kaur, Yadwinder Singh Brar, and JS Dhillon	Department of Electrical Engineering , IKGPTU	AIMS Energy	2022	2333-8326	Scopus preview - Scopus - AIMS Energy	1	3
Electronics and Communication Engineering								

Optimization of Performance parameters of Doped Feerite-based Microwave absorbers: Their Structural, tunable Reflection Loss, Bandwidth, Input Impedance Characteristics	Jasbir Singh, Charanjeet Singh, Dalveer Kaur, Sukhleen Bindra Narang, Rajshree Jotaina, mrin Kagdi, Rajat Joshi, Antonio Bezerra, Di Zhou,	ECE	IEEE Transactions on Magnetics	2021	0018-9464	https://mjl.clarivate.com/search-results?issn=0018-9464&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=journal-profile-share-this-journal	6	0
Development of doped Ba-Sr hexagonal ferrites for Microwave Absorber applications: Structural characterization, Tunable thickness, Electromagnetic parameters	Jasbir Singh, Charanjeet Singh, Dalveer Kaur, Sukhleen Bindra Narang, Rajshree Jotaina, Ebtesam Ateia, Rajat Joshi, Amrin Kagdi, Di Zhou, A.S.B.Sombra, Larrisa Panina	ECE	Journal of Alloys and Compunds	2021	0925-8388	https://mjl.clarivate.com/search-results?issn=0925-8388&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	28	0
Role of Phase, Grain Morphology, Impedance properties in tailoring Barium Strontium hexaferrites for Microwave/attenuator applications	Jasbir Singh, Charanjeet Singh, Yang Bai, Dalveer Kaur, Sukhleen Bindra Narang, K.C.James Raju, Prekha N.Dhruv, Rajshree Jotaina, Andrew Joseph, Rajat Joshi	ECE	Material Science and Engineering B	2022	0921-5107	https://mjl.clarivate.com/search-results?issn=0921-5107&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=journal-profile-share-this-journal	3	0
Analysis of Nonlinear Active Noise Behavior of Fuzzy Controller Using Non-Perturbation Methods	Monika Rani, Vikramjeet Singh, Rakesh Goyal	ECE	Fluctuation and Noise Letters	2021	0219-4775	https://mjl.clarivate.com/search-results?issn=0219-4775&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	0	0
Performance Evaluation of SS-FSO Communication System Incorporating Different Line Coding	Aditi Thakur, Amit Gupta, Harbinder Singh, Surbhi Bakshi, Rakesh Goyal, Gurpreet Singh, Neeraj Mohan, Ankur Singhal	ECE	Optical and Quantum Electronics	2021	0306-8919	https://mjl.clarivate.com/search-results?issn=0306-8919&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=journal-profile-share-this-journal	0	2
Bidirectional TWDM Optical access network with novel dynamic bandwidth allocation and scheduling algorithm	Ankur Singhal, Amit Gupta, Rakesh Goyal, Harbinder Singh, Tarun Singhal	ECE	Optical and Quantum Electronics	2022	0306-8919	https://mjl.clarivate.com/search-results?issn=0306-8919&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=journal-profile-share-this-journal	0	0
Impact of higher-order dispersion on crosstalk in hybrid OWC access systems for next-generation communication networks	Ankur Singhal, Amit Gupta, Surbhi Bakshi, Harbinder Singh, Tarun Singhal	ECE	Microwave and Optical Technology Letters	2022	0895-2477	https://mjl.clarivate.com/search-results?issn=0895-2477&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=journal-profile-share-this-journal	2	0
A novel dynamic bandwidth allocation algorithm in optical access systems	Ankur Singhal, Amit Gupta, Harbinder Singh, Tarun Singhal, Surbhi Bakshi	ECE	Optical and Quantum Electronics	2021	0306-8919	https://mjl.clarivate.com/search-results?issn=0306-8919&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=journal-profile-share-this-journal	0	0
Metamaterial Integrated Folded Dipole Antenna with low SAR for 4G, 5G and NB-IoT Applications	Harbinder Singh, Nitin Mittal, Amit Gupta, Yogesh Kumar, Marci Wozniak, AmtulWaheed	ECE	Electronics	2021	1450-5843	https://mjl.clarivate.com/search-results?issn=2079-9292&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=journal-profile-share-this-journal	0	0
Entropy Based Designing and Analysis of a Compact Single Layer Double Negative Metamaterial with Oblique Incidents	Harbinder Singh, C.P. Gandhi, Amit Gupta	ECE	Engineering Applications of Artificial Intelligence	2021	1873-6769	https://mjl.clarivate.com/search-results?issn=0952-1976&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=journal-profile-share-this-journal	0	0

Food Science & Technology

In vitro study to evaluate anti-inflammatory properties of sorghum extract supplemented bread	Seemab Afrin, Shabir Sidhu	Department of Food Science & Technology, I.K. Gujral Punjab Technical University, Main Campus, Kapurthala	Future Foods	2021	2666-8335	https://www.scopus.com/sourceid/21101060444	4	2
Retrospective Observational Study to Evaluate Causality, Preventability and Severity of Adverse Drug Reaction Associated with Anticancer Drugs in a Tertiary Care Hospital in Northern India	Ravi Thakur, Jagminder Kaur Bajaj, Archana Dutta and Shabir Sidhu	Department of Food Science & Technology, I.K. Gujral Punjab Technical University, Main Campus, Kapurthala	Current Drug Safety	2022	1574-8863	https://www.scopus.com/sourceid/5800173386	2	1
Use of Microalgal biomass as functional ingredient for preparation of cereal based extrudates: impact of processing on amino acid concentrations and colour degradation kinetics	Laxmi Ananthanarayan, Vikas Kumar, Anil Panghal, Barinderjit Singh, Roji Waghmare, Yogesh Gat, Narinder Kaur	Department of Food Science & Technology, I.K. Gujral Punjab Technical University, Main Campus, Kapurthala	Brazilian Journal of Pharmaceutical Sciences	2022	1984-8250	https://mjl.clarivate.com/search-results?issn=1984-8250&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	0	0
Manufacturing and Characterization of whey and stevia-based popsicles enriched with concentrated beetroot juice	Aayushi Jain, Rahul Mehra, Renu Garhwal, Barinderjit Singh, Shiv Kumar, Krishan Kumar, Naveen Kumar, Harish Kumar	Department of Food Science & Technology, I.K. Gujral Punjab Technical University, Main Campus, Kapurthala	Journal of Food Science and Technology	2022	0022-1155	https://mjl.clarivate.com/search-results?issn=0022-1155&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	1	0
Television Viewing Habits of The Teenagers and Early Adulthoods	Narinder Kaur, Ranbir Singh, Barinderjit Singh	Department of Food Science & Technology, I.K. Gujral Punjab Technical University, Main Campus, Kapurthala	Journal of Oriental Institute	2022	0030-5324	https://ugccare.unipune.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101023656&flag=Search	0	0

Management & Hospitality

Mobile Shopping Adoption by Indian Consumers: An Examination of Extended Technology Acceptance Model	Harmeem Soch, Jaspreet Kaur	Management & Hospitality	International Journal of Technology Transfer and Commercialization	2021	1477-7835	Article: Mobile shopping adoption by Indian consumers: an examination of extended technology acceptance model Journal: International Journal of Technology Transfer and Commercialisation (IJTTC) 2021 Vol.18 No.1 pp.109 - 127 Abstract: The purpose of the study is to investigate the factors influencing intentions of Indian consumers to adopt mobile shopping. The current study is using extended technology acceptance model by incorporating flow theory and its dimension intrinsic interest in to it. The study proposes that perceived usefulness and perceived ease of use is significantly affecting flow experience. Further perceived ease of use of mobile shopping is significantly affecting perceived usefulness. The study also state that perceived usefulness is directly influencing intentions to adopt mobile shopping. Data for the study is collected from 577 eligible responses via structured questionnaire from students of I.K. Gujral Punjab Technical University. All the items of the study are measured on seven-point Likert scale ranging from 7 'very strongly agree' (VSA) to 1 'very strongly disagree' (VSD). Confirmatory factor analysis is used to examine the validity of the measurement model. The proposed model was supported by the collected empirical data. The findings of the study provide several important implications for marketers, retailers and particularly mobile shopping companies. Inderscience Publishers - linking academia, business and industry through research	0	0
Examining the Impact of Structural Breaks on Price Discovery Efficiency: Evidence from the Indian Equity Futures Market	Adish Kumar and Kapil Gupta	Management & Hospitality	Copernican Journal of Finance and Accounting	2021	e-ISSN 2300-3065, p-ISSN 2300-1240	EXAMINING THE IMPACT OF STRUCTURAL BREAKS ON PRICE DISCOVERY EFFICIENCY: EVIDENCE FROM THE INDIAN EQUITY FUTURES MARKET Copernican Journal of Finance & Accounting (umk.pl)	0	0
AN ANALYSIS OF PUBLIC DISCLOSURES OF TECHNICAL UNIVER SITIES IN INDIA	Deepak Jain –Dr. Mandeep Arora	Department of Management and Hospitality	Aadunik Sahitya	2021	2277-7083	https://ugccare.unipune.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101051058&flag=Search	0	0
An empirical investigation of Indian Technical universities disclosures on the basis of selected parameters	Deepak Jain –Dr. Mandeep Arora	Department of Management and Hospitality	Aadunik Sahitya	2022	2277-7084	https://ugccare.unipune.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101051058&flag=Search	0	0
Consumer Attitude towards Green Products: Revisiting the Profile of Green Consumers using Segmentation Approach	Pooja Mehta, Harpreet Singh Chahal	Management & Hospitality	Management of Environmental Quality	2021	1477-7835	https://www.scopus.com/sourceid/130162	13	10
Determining the Impact of Demographics on Perceived Ethical Values of Teachers	Pooja Mehta, Venus	Management & Hospitality	Pacific Business Review International	2021	0974-438X	https://mjl.clarivate.com/search-results?issn=0974-438X&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	0	0
Artificial Intelligence (AI) based Smart Agriculture for Sustainable Development	Kaur, Gurwinder, Singh, Dr. Barinderjit, Angrish, Dr.Anil, K And Bansal, Dr. Sanjeev K.	Management and Hospitality	The Management Accountant, Vol.57, No.06	2022	0972-3528	https://ugccare.unipune.ac.in/Apps1/User/WebA/SearchList	0	0
Farmers' opinion towards Agriculture Credit sanctioned by various Financial Institutions in Punjab	Malhotra, Munish, and Bansal, Dr. Sanjeev K.	Management and Hospitality	PIMT Journal of Research, Volume 13, No.4-C, July-September 2021,	2022	02278-7925	https://ugccare.unipune.ac.in/Apps1/User/WebA/SearchList	0	0

Structural Equation Modelling Approach to CSR Activities of Private Sector and Public Sector Banks”,	Batra, Roopali and Bahri, Aman	Management	Wesleyan Journal of Research 13(67)	2021	0975-1386	https://ugccare.unipune.ac.in/Apps1/User/WebA/Descipline wiseList?DiscpID=4&DiscpName=Multidisciplinary	0	0
Impact Assessment of Covid-19 (Pandemic) on Selected Players in Organized Hospitality & Tourism Sector In India and Roadmap for their Recovery	Bansal, S, Angrish, A.K. & Batra, Roopali	Management	PIMT Journal of Research	2021	02278-7925	https://ugccare.unipune.ac.in/Apps1/User/WebA/Descipline wiseList?DiscpID=4&DiscpName=Multidisciplinary	0	0
Opportunities and Challenges of Cryptocurrencies in Modern Finance	Rajpreet Kaur & Manjeet Kaur	Management	Anvesak	2022	0378-4568 (Print)	https://ugccare.unipune.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101002193&flag=Search	0	0
Crypto-Currency-Legality and Restriction in India	Rajpreet Kaur & Manjeet Kaur	Management	Asian Journal of Organic & Medicinal Chemistry	2022	2456-8937 Online	https://ugccare.unipune.ac.in/Apps1/User/WebA/SearchList	0	0
Elucidating the role of gender differences via TAM in e-recruitment adoption in India: a multi-group analysis using MICOM	Rajpreet Kaur & Davinder Kaur	Management	The Bottom Line	2022	0888-045X	Scopus preview - Scopus - Bottom Line	6	5
Does Electronic Word-of-mouth influence e-recruitment Adoption? A mediation analysis using the PLS-SEM approach	Rajpreet Kaur & Davinder Kaur	Management	Management Research Review	2022	2040-8269	https://www.scopus.com/sourceid/19700175228	4	3
Do High Performance Work Practices moderate the influence of Job Content Plateau on Job Attitudes of frontline hotel employees?”	Rajpreet Kaur & Harleen Kaur	Management	Journal of Human Resources in Hospitality and Tourism	2021	Print ISSN:1533-2845	https://www.scopus.com/sourceid/4700152828	2	0
Career adaptability and job outcomes: a moderated mediation model of proactivity and job content plateau in educational sector	Rajpreet Kaur & Harleen Kaur	Management	Higher Education, Skills and Work-Based Learning	2021	2042-3896	Scopus preview - Scopus - Higher Education, Skills and Work-based Learning	3	3
Journalism and Mass Communication								
Influence of Twitter on Politician's Popularity Around the World	Dr. Ekta Mahajan	Journalism & mass Communication	Kala Sarover Patrika	2021	9754520	https://ugccare.unipune.ac.in/Apps1/User/WebA/Descipline wiseList?DiscpID=4&DiscpName=Multidisciplinary	0	0
A Study on perception of Ameer Khans Movies on Collage going students of Jalandhar.	Dr. Ekta Mahajan	Journalism & mass Communication	Kala Sarover Patrika	2021	9754520	https://ugccare.unipune.ac.in/Apps1/User/WebA/Descipline wiseList?DiscpID=4&DiscpName=Multidisciplinary	0	0
COMMUNICATION PATTERNS AND TECHNOLOGIES FOR THE PRISONERS IN JAILS IN INDIA	Dr. Ekta Mahajan	Journalism & mass Communication	Junekhyat	2022	22784632	https://ugccare.unipune.ac.in/Apps1/User/WebA/Descipline wiseList?DiscpID=4&DiscpName=Multidisciplinary	0	0
Impct of Social Media on Women Empowerment Referring to Punjab	Dr. Ranbir Singh	Journalism & mass Communication	Management & Entrepreneurship	Jul-05	2229-5348	https://ugccare.unipune.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101051415&flag=Search	0	0
HLCS								
Uses and Effects of ICT in Higher Education System with Special Reference to 'SWAYAM'	Pooja Shree, Shiva A. Raja and Sarabjit Singh	Department of Humanities Languages & Cultural Studies, I.K Gujral Punjab Technical University, Main Campus, Kapurthala	Journal of Modern Thamizh Research	2021	2321-984X	https://ugccare.unipune.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101025345&flag=Search	0	0

Glorification of GYM Through Social Media and Its Effect on Young Women	Pooja Shree, Shiva A. Raja and Sarabjit Singh	Department of Humanities Languages & Cultural Studies, I.K Gujral Punjab Technical University, Main Campus, Kapurthala	Journal of Modern Thamizh Research	2021	2321-984X	https://ugccare.unipune.ac.in/Apps1/User/WebA/View/Details?JournalId=101025345&flag=Search	0	0
ਵਿਧਾ-ਸ਼ਾਮਤਰ ਤੇ ਰਜਨੀਸ਼ ਬਹਾਰਦਰ ਦਾ ਵਿਧਾ-ਚਿੰਤਨ	Dr. Sarabjit Singh	HLCS	ਪ੍ਰਵਚਨ	2022	2231 - 6930.	https://ugccare.unipune.ac.in/Apps1/User/WebA/View/Details?JournalId=101025345&flag=Search	0	0
Hoshiarpur Campus								
Effect of utilization of hydrogen-rich reformed biogas on the performance and emission characteristics of common rail diesel engine	Himanshu Sharma, Sunil Kumar Mahla, Amit Dhir	Mechanical Engineering	International Journal of Hydrogen Energy	2022	0360-3199	https://mj.lclarivate.com/search-results?issn=0360-3199&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	0	0
Optimisation of engine operating variables on performance and emissions characteristics of biogas fuelled CI engine by the design of experiments: Taguchi Approach	Sunil Kumar Mahla, Tarun Goyal, Deepam Goyal, Himanshu Sharma, Amit Dhir, Geetesh Goga	Mechanical Engineering	Environmental Progress & Sustainable Energy	2021	1944-7450	https://mj.lclarivate.com/search-results?issn=1944-7442&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-these-results	8	1
Metallurgical, mechanical and tribological behaviour of reinforced magnesium based compoiste deelpoed via friction stir processing	Prem Sagar, Amit Handa and Gitesh Kumar	Mechanical Engineering	Journal of Process Mechanical Engg	2021	0954-4089	https://mj.lclarivate.com/search-results?issn=0954-4089&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	4	3
Wave Propagation in Generalized Thermodiffusion Elastic Medium with Impedence Boundary Condition	Sachin Kaushal , Kulwinder Parmar , Priya	Mathematical Sciences	Iranian Journal of Mathematical Sciences and Informatics	2022	1735-4463	https://mj.lclarivate.com/search-results?issn=1735-4463&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	0	0
Modeling Multistep Ahead Dissolved Oxygen Concentration Using Improved Support Vector Machines by a Hybrid Metaheuristic Algorithm	Rana Muhammad Adnan, Hong-Liang Dai, Reham R Mostafa, Kulwinder Singh Parmar, Salim Heddham, Ozgur Kisi	Mathematical Sciences	Sustainability	2022	2071-1050	https://mj.lclarivate.com/search-results?issn=2071-1050&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	2	2
Comparison of the advanced machine learning methods for better prediction accuracy of solar radiation using only temperature data: A case study	Amin Mirbolouki, Salim Heddham, Kulwinder Singh Parmar, Slavisa Trajkovic, Mojtaba Mehraein, Ozgur Kisi	Mathematical Sciences	International Journal of Energy Research.	2021	1099-114X	https://mj.lclarivate.com/search-results?issn=0363-907X&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	0	4
Influence of Diffusion and Impedence Parameters on Wave Propagation in Thermoelastic Medium	Sachin Kaushal, Rajneesh Kumar, Kulwinder Parmar	Mathematical Sciences	International Journal of Applied Mechanics and Engineering	2021	2353-9003	Scopus preview - Scopus - International Journal of Applied Mechanics and Engineering	0	8
Prediction of COVID-19 Pervasiveness in Six Major Affected States of India and Two-Stage Variation with Temperature.	Sidhu Jitendra Singh Makkhan Sarbjit Singh, Kulwinder Singh Parmar, Jatinder Kaur, Jatinder Kumar	Mathematical Sciences	Air Quality Atmosphere and Health	2021	1873-9318	https://mj.lclarivate.com/search-results?issn=1873-9318&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	0	2
Soft computing model coupled with statistical models to estimate future of stock market	Sarbjit Singh, Kulwinder Singh Parmar, Jatinder Kumar	Mathematical Sciences	Neural Computing and Applications. (Springer)	2021	1433-3058	https://mj.lclarivate.com/search-results?issn=0941-0643&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	0	6

Predicting the effect of fiber orientations and boundary conditions on the optimal placement of PZT sensor on the composite structures	Rahul Samyal, Ashok Kumar Bagha, Raman Bedi, Shashi Bahl, Kuldeep K Saxena and Shankar Sehgal	Mechanical Engineering	Material Research Express	2021	2053-1591	https://mjl.clarivate.com/search-results?issn=2053-1591&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	0	15
Implementing Industry 4.0 technologies in self-healing materials and digitally managing the quality of manufacturing	Mohd Ammar, Abid Haleem, Mohd Javaid, Shashi Bahl, Ajay Singh Verma	Mechanical Engineering	Materials Today: Proceedings	2021	2214-7853	https://www.scopus.com/sourceid/21100370037	0	13
Role of smart materials and digital twin (DT) for the adoption of electric vehicles in India	Sayed Suhaib Kamran, Abid Haleem, Shashi Bahl, Mohd Javaid, Devaki Nandan, Ajay Singh Verma	Mechanical Engineering	Materials Today: Proceedings	2021	2214-7853	https://www.scopus.com/sourceid/21100370037	0	3
Removing fiber orientation uncertainty from the finite element model of a composite lamina with direct updating algorithm	Sajid Mohammad Chhipa, Pramod Kumar, Ashok Kumar Bagha and Shashi Bahl	Mechanical Engineering	Physica Scripta	2021	0031-8949	https://mjl.clarivate.com/search-results?issn=0031-8949&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	0	7
The impact of smart materials, digital twins (DTs) and Internet of things (IoT) in an industry 4.0 integrated automation industry	Ahmad Majid Qazi, Syed Hasan Mahmood, Abid Haleem, Shashi Bahl, Mohd Javaid, Kanu Gopal	Mechanical Engineering	Materials Today: Proceedings	2022	2214-7853	https://www.scopus.com/sourceid/21100370037	0	6
Role of energy technologies in response to climate change	Ahmad Shamoan, Abid Haleem, Shashi Bahl, Mohd Javaid, Sonu Bala Garg	Mechanical Engineering	Materials Today: Proceedings	2022	2214-7853	https://www.scopus.com/sourceid/21100370037	0	4
Transformation temperature and corrosion behavior of porous NiTi and NiTiCu shape memory alloy	Neeraj Sharma, Abhishek Sharma, Kapil Kumar Goyal, Shaman Gupta, Shashi Bahl, Gaurav Kumar Sharma	Mechanical Engineering	Materials Today: Proceedings	2022	2214-7853	https://www.scopus.com/sourceid/21100370037	0	0
Environmental impact of energy production and extraction of materials - a review	Ahmad Shamoan, Abid Haleem, Shashi Bahl, Mohd Javaid, Sonu Bala Garg, Rakesh Chandmal Sharma, Jatinder Garg	Mechanical Engineering	Materials Today: Proceedings	2022	2214-7853	https://www.scopus.com/sourceid/21100370037	0	3
IoT-based low-cost 3D mapping using 2D Lidar for different materials	Mohd Yusuf, Aman Zaidi, Abid Haleem, Shashi Bahl, Mohd Javaid, Sonu Bala Garg, Jatinder Garg	Mechanical Engineering	Materials Today: Proceedings	2022	2214-7853	https://www.scopus.com/sourceid/21100370037	0	1
Finite element model updating of smart structures with direct updating algorithm	Shivam Verma, Saurabh Kango, Ashok Kumar Bagha and Shashi Bahl	Mechanical Engineering	Physica Scripta	2022	1402-4896	https://mjl.clarivate.com/search-results?issn=0031-8949&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	6	10
Understanding the role of advanced materials for energy infrastructure and transmission	Ahmad Shamoan, Abid Haleem, Shashi Bahl, Mohd Javaid, Chander Prakash, Dharam Budhhi	Mechanical Engineering	Materials Today: Proceedings	2022	2214-7853	https://www.scopus.com/sourceid/21100370037	0	0
Artificial intelligence and advanced materials in automotive industry: Potential applications and perspectives	Sayed Suhaib Kamran, Abid Haleem, Shashi Bahl, Mohd Javaid, Chander Prakash, Dharam Budhhi	Mechanical Engineering	Materials Today: Proceedings	2022	2214-7853	https://www.scopus.com/sourceid/21100370037	0	1

Effects of nano filler powder during microwave-based joining of SS304 butt joints	Sony Salot, Shankar Sehgal, B. S. Pabla, Harmesh Kumar, Chander Prakash, Shashi Bahl and Kuldeep K Saxena	Mechanical Engineering	Journal of Process Mechanical Engineering	2022	2041-3009	https://mjl.clarivate.com/search-results?issn=0954-4089&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	0	0
Optimisation of cutting parameters during turning of 16MnCr5 steel using Taguchi technique	Swapnil Agarwal, Rajiv Suman, Shashi Bahl, Abid Haleem, Mohd Javaid, Munesh Kumar Sharma, Chander Prakash, Shankar Sehgal and Piyush Singhal	Mechanical Engineering	International Journal on Interactive Design and Manufacturing	2022	1955-2505	https://mjl.clarivate.com/search-results?issn=1955-2513&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	0	0
Recent advances in additive manufacturing for current challenges, materials and their applications	Ajay Singh Verma, Atul Bisht, Suman Kant and Shashi Bahl	Mechanical Engineering	Indian Journal of Engineering & Materials Sciences	2022	0971-4588	https://mjl.clarivate.com/search-results?issn=0971-4588&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	1	0
Experimental investigation for the dynamic characteristics of short natural fiber reinforced composite materials	Kartikay Singh Pawar, Ashok Kumar Bagha, Shashi Bahl and Manoj Kumar Agrawal	Mechanical Engineering	Indian Journal of Engineering & Materials Sciences	2022	0971-4588	https://mjl.clarivate.com/search-results?issn=0971-4588&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	3	4
Implementation of Logistic Regression on Diabetic Dataset using Train-Test-Split, K-Fold and Stratified K-Fold Approach	Meenu Bhagat, Brijesh Bakariya	Computer Science	National Academy Science Letters-India	2022	2250-1754	https://mjl.clarivate.com/search-results?issn=0250-541X&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	0	0
Deep convolutional neural model for human activities recognition in a sequence of video by combining multiple CNN streams	Neeraj Varshney, Brijesh Bakariya	Computer Science	Multimedia Tools and Applications	2021	1573-7721	https://mjl.clarivate.com/search-results?issn=1380-7501&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	2	1
Human activity recognition by combining external features with accelerometer sensor data using deep learning network model	Neeraj Varshney, Brijesh Bakariya, Alok Kumar Singh Kushwaha, Manish Khare	Computer Science	Multimedia Tools and Applications, Springer	2022	1573-7721	https://mjl.clarivate.com/search-results?issn=1380-7501&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	2	1
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Influence of irradiation and addition of antioxidants on the oxidation stability of Jatropa, Pongamia, and Tectona Grandis biodiesels	Meetu Singh, Neerja Sharma, Amit Sarin, Sujeet Kesharvani, Chandrabhushan Tiwari, Tikendra Nath Verma & Gaurav Dwivedi	Physical Sciences	International Journal of Ambient Energy	2022	0143-0750	https://www.scopus.com/sourceid/26672	2	0
Dosimetry of indoor alpha flux belonging to seasonal radon, thoron and their EECs	Anjali Kaushal, Manish Joshi, Amit Sarin, Navjeet Sharma	Physical Sciences	Environmental Monitoring and Assessment	2022	0167-6369	https://mjl.clarivate.com/search-results?issn=0167-6369&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	1	1
Quantification of doses and health risks to organs and tissues corresponding to different age groups due to radon in water	Amit Sarin, Anjali Kaushal, Bikramjit Singh Bajwa, Navjeet Sharma	Physical Sciences	Journal of Radioanalytical and Nuclear Chemistry	2021	0236-5731	https://mjl.clarivate.com/search-results?issn=0236-5731&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	1	1
Analysis of Nonlinear Active Noise Behavior of Fuzzy Controller Using Non-Perturbation Methods	Rani, Monika, Goyal, Rakesh, Singh, Vikramjeet	Mathematics	Fluctuation and Noise Letters	2021	1793-6780	https://mjl.clarivate.com/search-results?issn=0219-4775&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	0	0
Comparative analysis of proficiencies of various textures and geometric features in breast mass classification using k-nearest neighbor	Harmandeep Singh, Vipul Sharma and Damanpreet Singh	Computer science and engineering	Visual Computing for Industry, Biomedicine, and Art	2022	2524-4442 (electronic)	https://mjl.clarivate.com/search-results?issn=2524-4442&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	16	10

Computer aided diagnosis of liver ultrasound images using K-nearest neighbour approach	Vishal Sharma and Vipul Sharma	Computer science and engineering	Journal of Physics: Conference Series	2022	Online ISSN: 1742-6596Print ISSN: 1742-6588	https://www.scopus.com/sourceid/130053	0	0
Machine learning based computer aided diagnosis system for classification of breast masses in mammograms	Harmandeep Singh, Vipul Sharma and Damanpreet Singh	Computer science and engineering	Journal of Physics: Conference Series	2022	Online ISSN: 1742-6596Print ISSN: 1742-6588	https://www.scopus.com/sourceid/130053	1	0
Mammogram Image Retrieval System Using Texture and Semantic Features	Vipul Sharma	Computer science and engineering	Journal of Physics: Conference Series	2022	Online ISSN: 1742-6596Print ISSN: 1742-6588	https://www.scopus.com/sourceid/130053	1	0
Exploiting the Performance of Marine Predators Optimization Algorithm in Combination with Neural Network Classifiers for Breast Mass Classification	Harmandeep Singh, Vipul Sharma and Damanpreet Singh	Computer science and engineering	International Journal of Intelligent Engineering and Systems	2022	ISSN: 2185-3118	https://www.scopus.com/sourceid/21100199790	0	0
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Quantum behaved Intelligent Variant of Gravitational Search Algorithm with Deep Neural Networks for Human Activity Recognition	Jindal, S., Sachdeva, M. and Kushwaha, A.K.S	Computer Science and Engineering	Kuwait Journal of Science	2022	2307-4108 / 2307-4116	https://mjl.clarivate.com/search-results?issn=2307-4108&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	3	0
A novel quantum-behaved binary firefly algorithm with gravitational search algorithm to optimize the features for human activity recognition	Jindal, S., Sachdeva, M. and Kushwaha, A.K.S	Computer Science and Engineering	International Journal of Modern Physics	2022	0217-751X / 1793-656X	https://mjl.clarivate.com/search-results?issn=0217-751X&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	3	1
Performance evaluation of machine learning based voting classifier system for human activity recognition	Jindal, S., Sachdeva, M. and Kushwaha, A.K.S	Computer Science and Engineering	Kuwait Journal of Science	2022	2307-4108 / 2307-4116	https://mjl.clarivate.com/search-results?issn=2307-4108&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	2	0
Human Activity Recognition using Ensemble Convolutional Neural Networks and Long Short-Term Memory.	Jindal, S., Sachdeva, M. and Kushwaha, A.K.S	Computer Science and Engineering	International Journal of Performability Engineering	2022	0973-1318	Scopus preview - Scopus - International Journal of Performability Engineering	2	0
Transfer learning for image classification using VGG19: Caltech-101 image data set	M Bansal, M Kumar, M Sachdeva, A Mittal	Computer Science and Engineering	Journal of ambient intelligence and humanized Computing	2021	1868-5137	Scopus preview - Scopus - Journal of Ambient Intelligence and Humanized Computing	59	75
COVID-19: Social distancing monitoring using faster-RCNN and YOLOv3 algorithms	Umang Ahuja, Sunil Singh, Munish Kumar, Krishan Kumar, Monika Sachdeva	Computer Science and Engineering	Multimedia Tools and Applications	2022	1380-7501 / 1573-7721	https://mjl.clarivate.com/search-results?issn=1380-7501&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	6	6
Face mask detection using YOLOv3 and faster R-CNN models: COVID-19 environment	S Singh, U Ahuja, M Kumar, K Kumar, M Sachdeva - Multimedia Tools and Applications, 2021	Computer Science and Engineering	Multimedia Tools and Applications	2021	1380-7501 / 1573-7721	https://mjl.clarivate.com/search-results?issn=1380-7501&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	3	87
Lite Covid Net: A lightweight deep neural network model for detection of COVID-19 using X-ray images	Sachin Kumar, Sourabh Shastri, Shilpa Mahajan, Kuljeet Singh, Surbhi Gupta, Rajneesh Rani, Neeraj Mohan, Vibhakar Mansotra	Computer Science and Engineering	International Journal of Imaging Systems and Technology	2022	1098-1098	https://mjl.clarivate.com/search-results?issn=1098-1098&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	7	1

Deep vision-based surveillance system to prevent train-elephant collisions	Surbhi Gupta, Neeraj Mohan, P nayak, KC Nagaraju, M Karnam	Computer Science and Engineering	Applications of Soft Computing	2021	1432-7643	https://mjl.clarivate.com/search-results?issn=1432-7643&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	3	7
Passive image forensics using universal techniques: a review	Surbhi Gupta, Neeraj Mohan, Priyanka Kaushal	Computer Science and Engineering	Artificial Intelligence Review	2021	0269-2821	https://mjl.clarivate.com/search-results?issn=0269-2821&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	6	12
Mohali Campus-II								
Delineation and Mapping of Paleochannels using Remote Sensing, Geophysical and Sedimentological Technologies :A Comprehensive Approach	Ritambhra Upadhyay, Naval Sharma and Mukta Sharma,	IKGPTU Mohali Campus-II	Water Science	2021	ISSN: 2357-0008	https://www.scopus.com/sourceid/21101057953	8	0
GI-Science Based Morphometric Analysis for Geo-Hydrological Studies of Ghaggar River Basin, NorthWest India.	Upadhyay, R.K., Tripathi, G., Kishore, N., Sharma, M. (2021b).	IKGPTU Mohali Campus-II	Turkish Online Journal of Qualitative Inquiry	2021	e-ISSN 1309-6591	https://www.scopus.com/sourceid/21101019739	0	0
A Geospatial Approach for Mapping and Delineation of Palaeochannels of Ghaggar Basin, North-West India, for Groundwater Development to Meet Sustainable Development Goals.	Upadhyay, R.K., Kishore, N., Sharma, M.	IKGPTU Mohali Campus-II	Recent Trends in River Corridor Management. Lecture Notes in Civil Engineering	2022	2366-2557	Scopus preview - Scopus - Lecture Notes in Civil Engineering	0	0
Effect of in-situ tribo-oxide-layer on the nonlubricated tribological behaviours of LM27/SiCp composites	Pardeep Kumar Nagpal, Suresh Kumar, Ranvir Singh Panwar, J. D. Sharma, Neeru Singla & Sunil Kumar Mahla	IKGPTU, MOHALI CAMPUS-II	Tribology - Materials, Surfaces & Interfaces	2022	1751-5831	https://mjl.clarivate.com/search-results?issn=1751-5831&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	1	0
Assessing the Applicability of Photocatalytic-Concrete Blocks in Reducing the Concentration of Ambient NO2 of Chandigarh, India, Using Box-Behnken Response Surface Design Technique: A Holistic Sustainable Development Approach	Neeru Singla, Sandeep Singla, Parteek Singh Thind, Sandeep Singh, Jasgurpreet Singh Chohan	IKGPTU, MOHALI CAMPUS-II	Journal of Chemistry	2021	2090-9071	https://mjl.clarivate.com/search-results?issn=2090-9063&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	1	3